



**Auxiliary contact module, 1 pole, I<sub>th</sub>= 10 A, 1 NC, Front fixing, Screw terminals, DILAT, DILMT7 ... DILMT32**

**Part no. DILT-XHI01**  
**Catalog No. 190989**  
**EL-Nummer (Norway) 4100434**

## Delivery program

Accessories				Auxiliary contact modules
Function				for standard applications
Number of poles				1 pole
Connection technique				Screw terminals
<b>Rated operational current</b>				
Conventional free air thermal current, 1 pole				
Open				
at 60 °C	I <sub>th</sub>	A		10
AC-15				
220 V 230 V 240 V	I <sub>e</sub>	A		4
380 V 400 V 415 V	I <sub>e</sub>	A		1.9
<b>Contacts</b>				
N/C = Normally closed				1 NC
Mounting type				Front fixing
For use with				DILAT... DILMT...
Type				Front mounting auxiliary contact

## Technical data

### General

Standards				IEC/EN 60947
Lifespan, mechanical				
AC operated	Operations	x 10 <sup>6</sup>		10
Component lifespan				
at U <sub>a</sub> = 230 V, AC-15, 3 A	Operations	x 10 <sup>6</sup>		1
Maximum operating frequency	Operations/h			3600
Climatic proofing				Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature				
Open		°C		-25 - +55
Ambient temperature, storage		°C		- 40 - 80
Degree of Protection				IP20
Weight		kg		0.02
Terminal capacities		mm <sup>2</sup>		
Screw terminals				
Solid		mm <sup>2</sup>		0.75 - 2.5
Flexible with ferrule		mm <sup>2</sup>		0.75 - 2.5
Pozidriv screwdriver		Size		2
Max. tightening torque		Nm		0.8

## Contacts

Rated impulse withstand voltage	$U_{imp}$	V AC	6000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	$U_i$	V AC	690
Rated operational voltage	$U_e$	V AC	660
Rated operational current		A	
Conventional free air thermal current, 1 pole			
at 60 °C	$I_{th}$	A	10
AC-15			
220 V 230 V 240 V	$I_e$	A	4
380 V 400 V 415 V	$I_e$	A	1.9
DC current			
DC-13 (6xP)			
24 V	$I_e$	A	0.55
60 V	$I_e$	A	0.55
110 V	$I_e$	A	0.55
220 V	$I_e$	A	0.27

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])			
Number of contacts as change-over contact			0
Number of contacts as normally open contact			0
Number of contacts as normally closed contact			1
Number of fault-signal switches			0
Rated operation current $I_e$ at AC-15, 230 V		A	4
Type of electric connection			Screw connection
Model			Top mounting
Mounting method			Front fastening
Lamp holder			None

## Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	<a href="http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf">http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf</a>
Switchgear of Power Factor Correction Systems	<a href="http://www.moeller.net/binary/ver_techpapers/ver934en.pdf">http://www.moeller.net/binary/ver_techpapers/ver934en.pdf</a>
X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely	<a href="http://www.moeller.net/binary/ver_techpapers/ver938en.pdf">http://www.moeller.net/binary/ver_techpapers/ver938en.pdf</a>
Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions	<a href="http://www.moeller.net/binary/ver_techpapers/ver944en.pdf">http://www.moeller.net/binary/ver_techpapers/ver944en.pdf</a>
Effect of the Cable Capacitance of Long Control Cables on the Actuation of Contactors	<a href="http://www.moeller.net/binary/ver_techpapers/ver949en.pdf">http://www.moeller.net/binary/ver_techpapers/ver949en.pdf</a>
Switchgear for Luminaires	<a href="http://www.moeller.net/binary/ver_techpapers/ver955en.pdf">http://www.moeller.net/binary/ver_techpapers/ver955en.pdf</a>
Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts	<a href="http://www.moeller.net/binary/ver_techpapers/ver956en.pdf">http://www.moeller.net/binary/ver_techpapers/ver956en.pdf</a>
The Interaction of Contactors with PLCs	<a href="http://www.moeller.net/binary/ver_techpapers/ver957en.pdf">http://www.moeller.net/binary/ver_techpapers/ver957en.pdf</a>
Busbar Component Adapters for modern Industrial control panels	<a href="http://www.moeller.net/binary/ver_techpapers/ver960en.pdf">http://www.moeller.net/binary/ver_techpapers/ver960en.pdf</a>